Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006692.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jul 02 17:08:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3814	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	14676	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	7925	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	17058	0.40	ng		0.00
27) Chrysene-d12	21.26	240	14582	0.40	ng		0.00
34) Perylene-d12	23.49	264	16097	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	8283	0.89	ng		0.00
5) Phenol-d6	6.81	99	10615	0.86	ng		-0.02
8) Nitrobenzene-d5	8.78	82	9042	0.92	ng		-0.01
11) 2-Methylnaphthalene-d10	11.99	152	17075	0.74	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2905	0.78	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	25570	0.87	ng		0.00
25) Fluoranthene-d10	19.07	212	37071	0.74	ng		0.00
29) Terphenyl-d14	19.68	244	27508	0.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	4390	0.832	ng		94
3) n-Nitrosodimethylamine	3.49	42	3374	0.813	ng		97
6) bis(2-Chloroethyl)ether	7.05	93	8084	0.732	ng		99
9) Naphthalene	10.44	128	30419	0.789	ng		98
10) Hexachlorobutadiene	10.72	225	6328	0.798	ng	#	99
12) 2-Methylnaphthalene	12.07	142	20299	0.762	ng		100
16) Acenaphthylene	13.99	152	30278	0.801	ng		100
17) Acenaphthene	14.32	154	19636	0.789	ng		99
18) Fluorene	15.32	166	24188	0.770	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	7654	0.810	ng		93
21) Hexachlorobenzene	16.33	284	9376	0.785	ng		100
22) Pentachlorophenol	16.74	266	1089	0.572	ng		94
23) Phenanthrene	17.07	178	37417	0.771	ng		100
24) Anthracene	17.16	178	33523	0.797	ng		99
26) Fluoranthene	19.10	202	44135	0.749	ng		100
28) Pyrene	19.47	202	45141	0.885	ng		99
30) Benzo(a)anthracene	21.24	228	38833	0.815	ng		99
31) Chrysene	21.29	228	40249	0.783	ng		100
32) Bis(2-ethylhexyl)phthalate	21.15	149	42990	1.792	ng		100
33) Indeno(1,2,3-cd)pyrene	25.72	276	47833	0.920	ng		100
35) Benzo(b)fluoranthene	22.82	252	39159	0.715	ng		96
36) Benzo(k)fluoranthene	22.86	252	44547	0.763	ng		96
37) Benzo(a)pyrene	23.39	252	38947	0.761	ng		94
38) Dibenzo(a,h)anthracene	25.72	278	38227	0.855	ng		96
39) Benzo(g,h,i)perylene	26.40	276	39435	0.883	ng		97

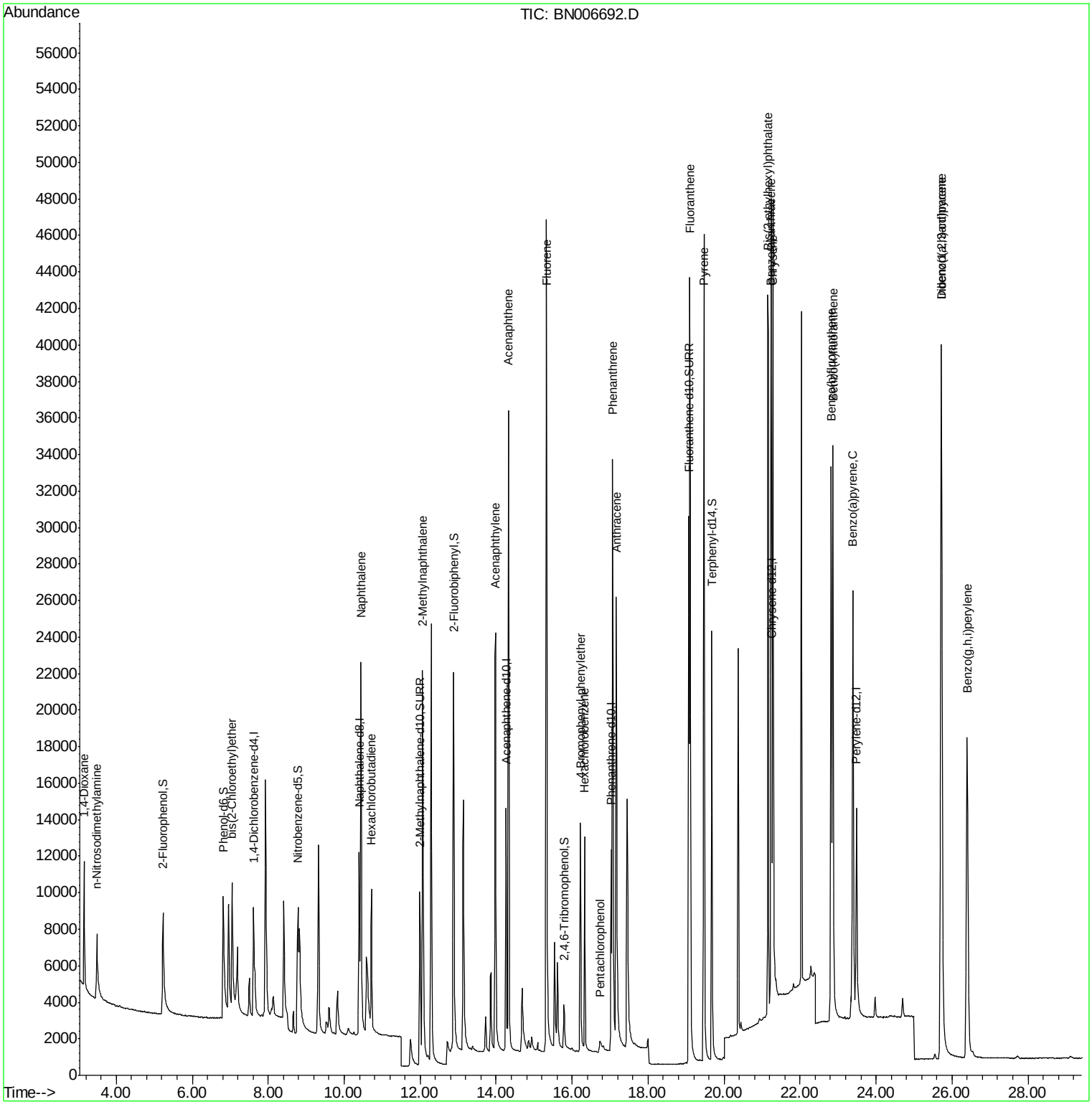
(#) = qualifier out of range (m) = manual integration (+) = signals summed

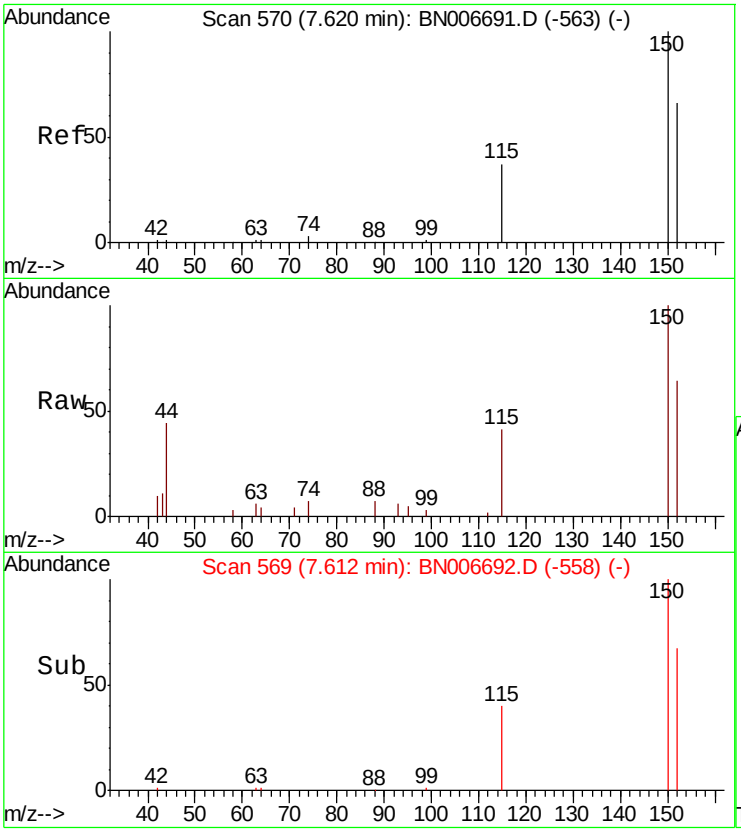
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006692.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jul 02 17:08:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration



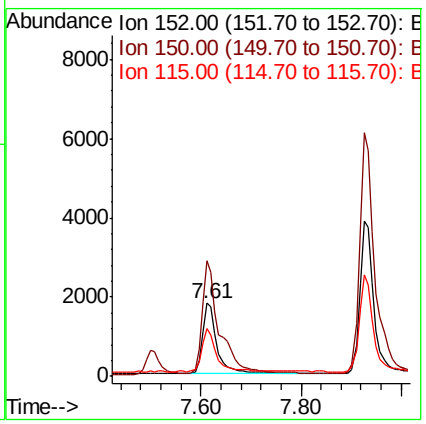


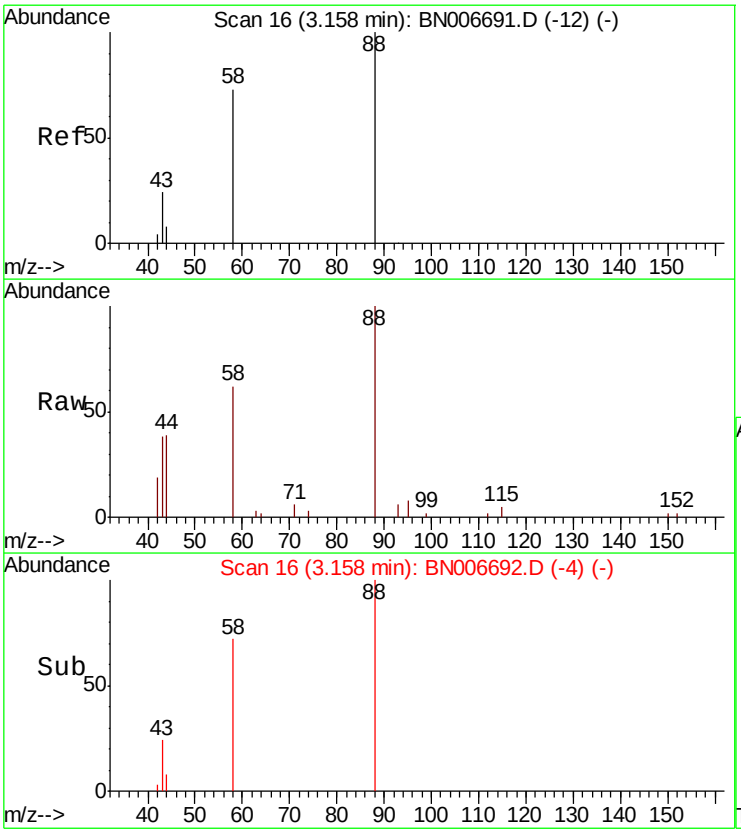
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3814

Ion	Ratio	Lower	Upper
152	100		
150	157.4	120.6	181.0
115	65.2	51.0	76.6

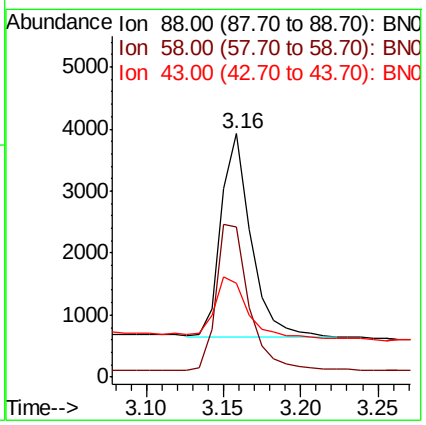


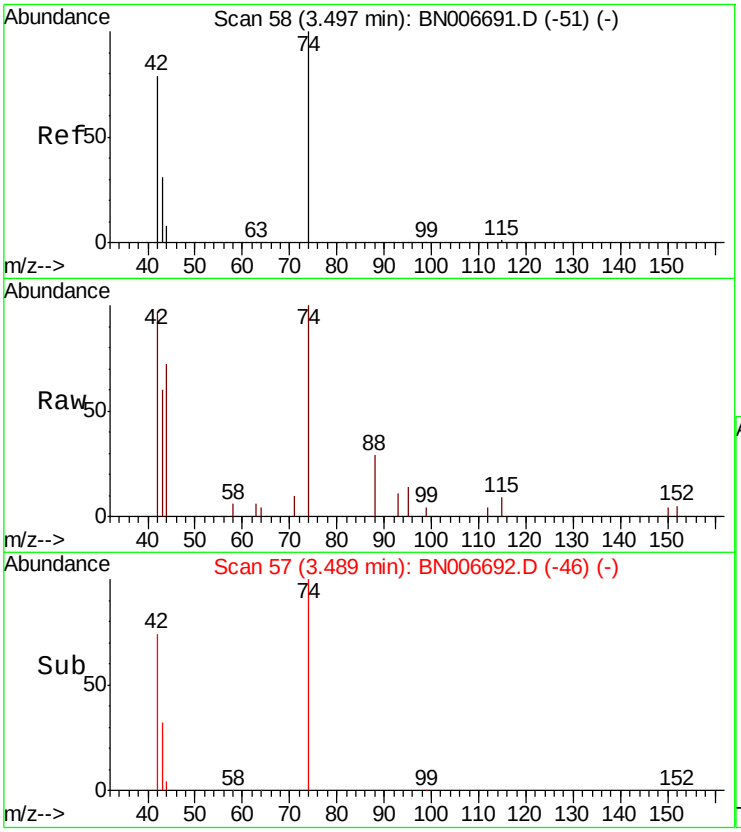


#2
1,4-Dioxane
Concen: 0.832 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion: 88 Resp: 4390

Ion	Ratio	Lower	Upper
88	100		
58	79.7	61.1	91.7
43	33.8	32.4	48.6



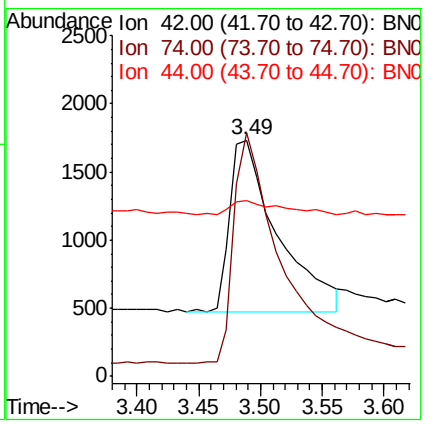


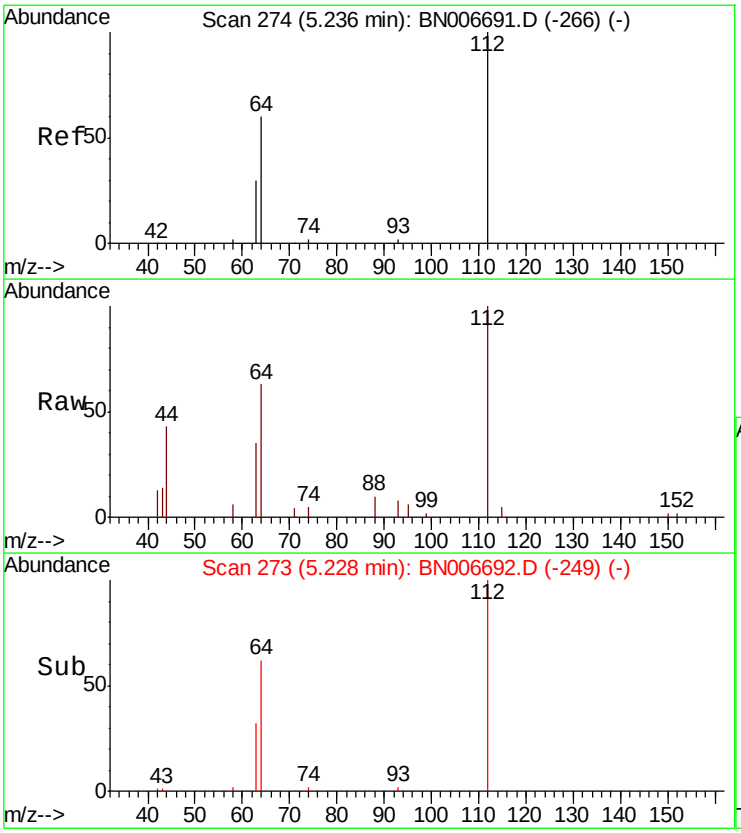
#3
n-Nitrosodimethylamine
Concen: 0.813 ng
RT: 3.49 min Scan# 57
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3374

Ion	Ratio	Lower	Upper
42	100		
74	129.6	106.6	160.0
44	8.1	8.0	12.0

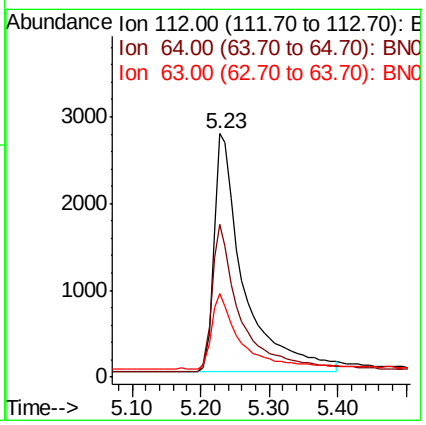


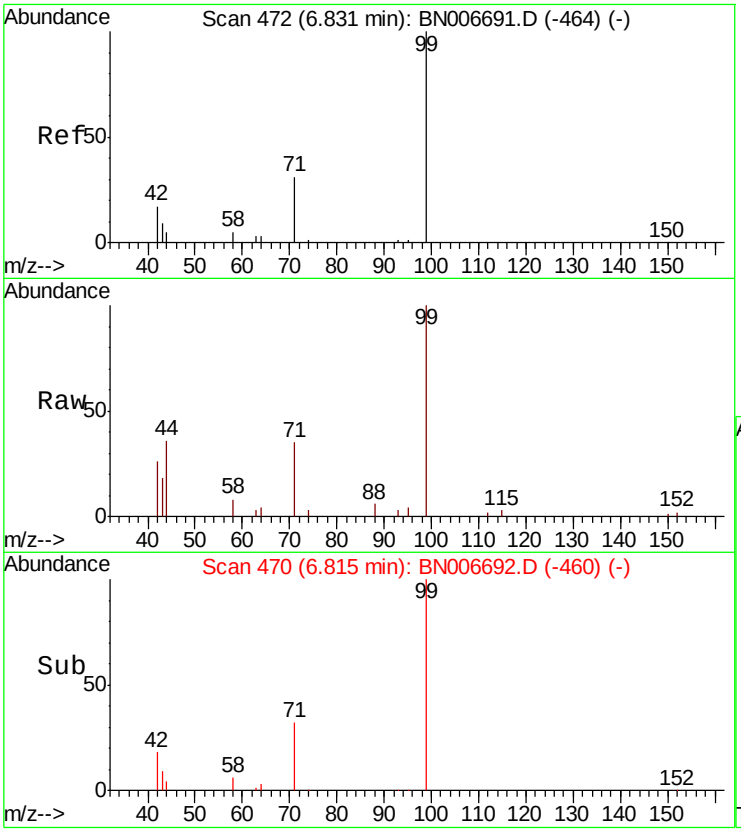


#4
2-Fluorophenol
Concen: 0.885 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:112 Resp: 8283

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.8	74.6
63	31.0	25.8	38.6



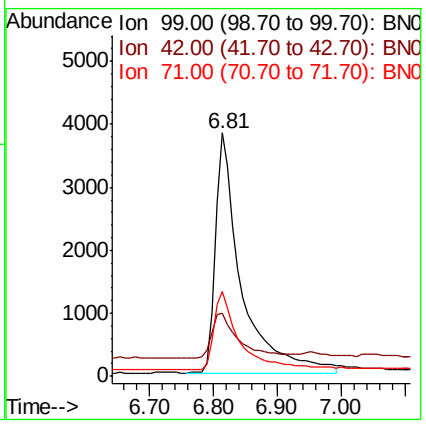


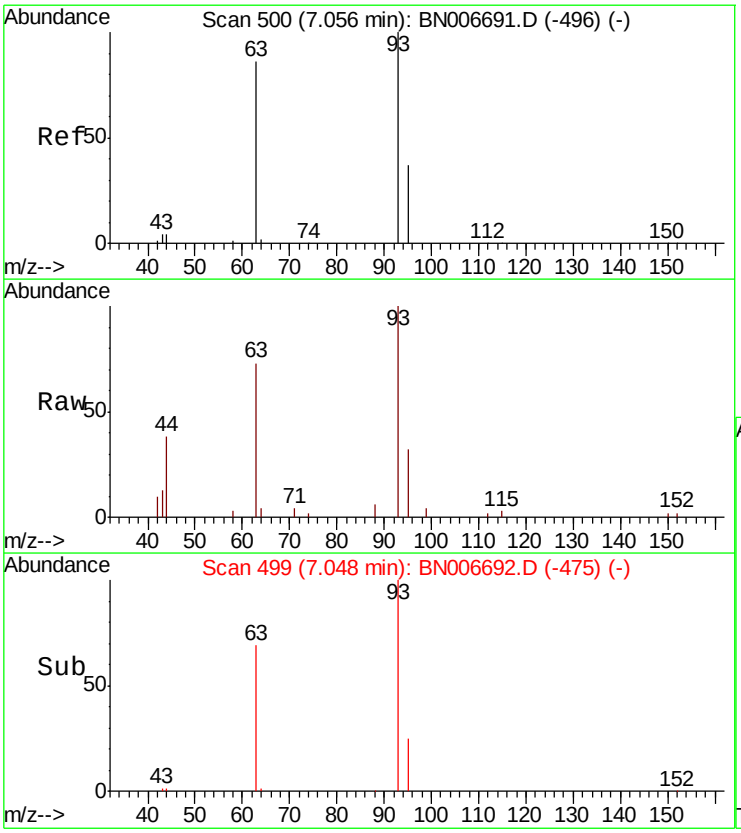
#5
Phenol-d6
Concen: 0.857 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 10615

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.6	25.0
71	32.9	26.0	39.0

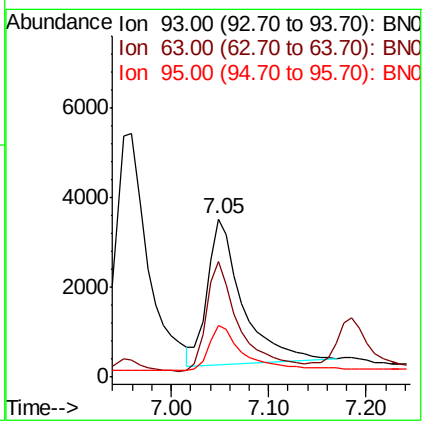


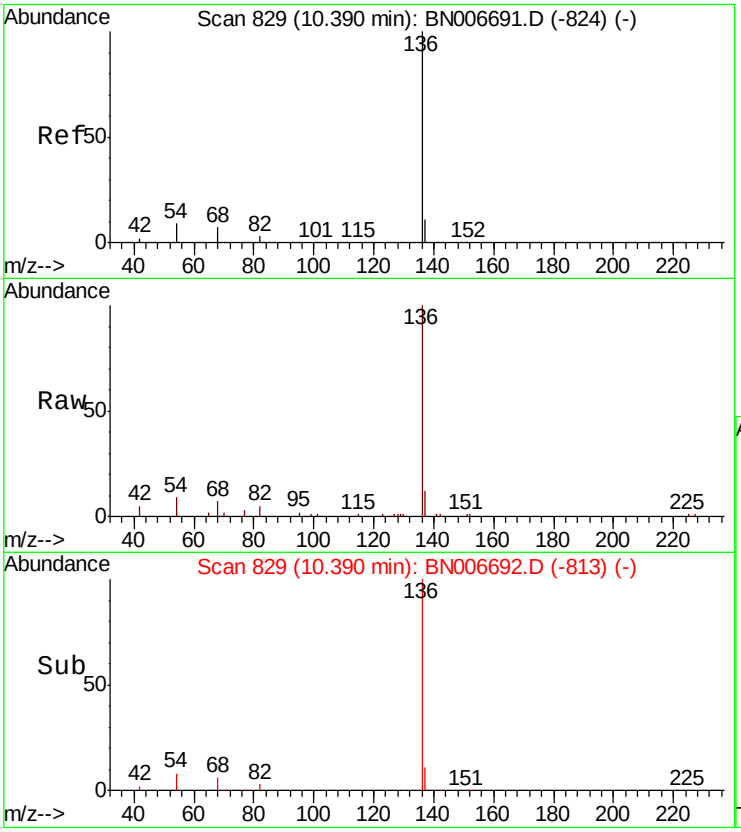


#6
bis(2-Chloroethyl)ether
Concen: 0.732 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion: 93 Resp: 8084

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.6	87.8
95	34.0	28.3	42.5



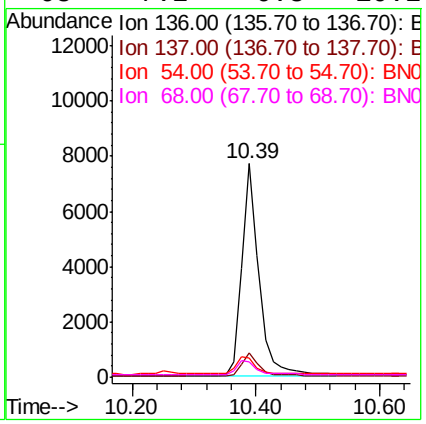


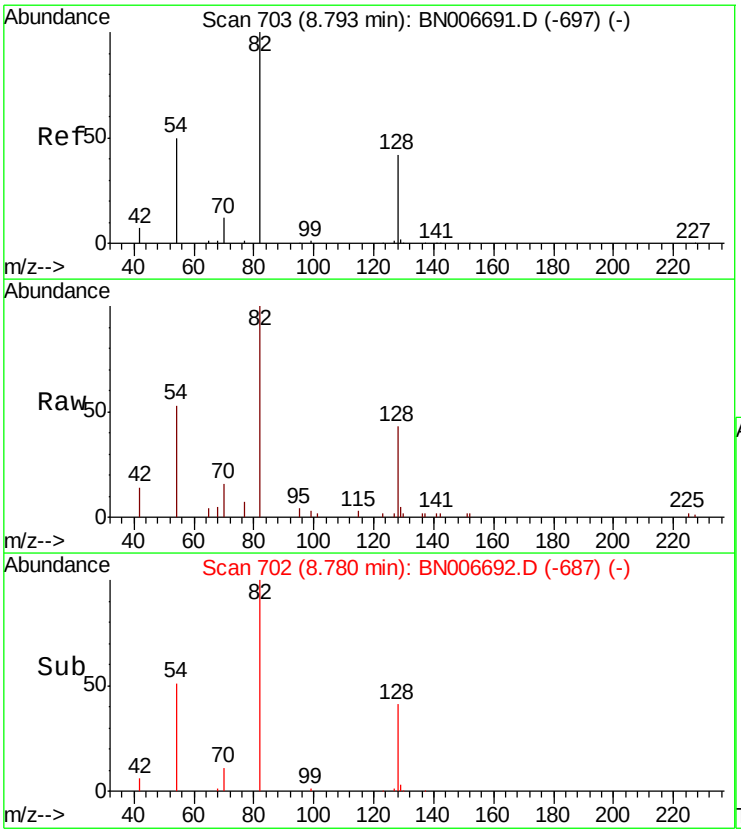
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 14676

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.2	8.4	12.6
68	7.2	6.8	10.2

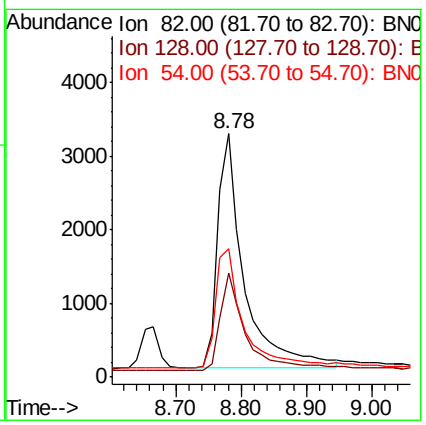


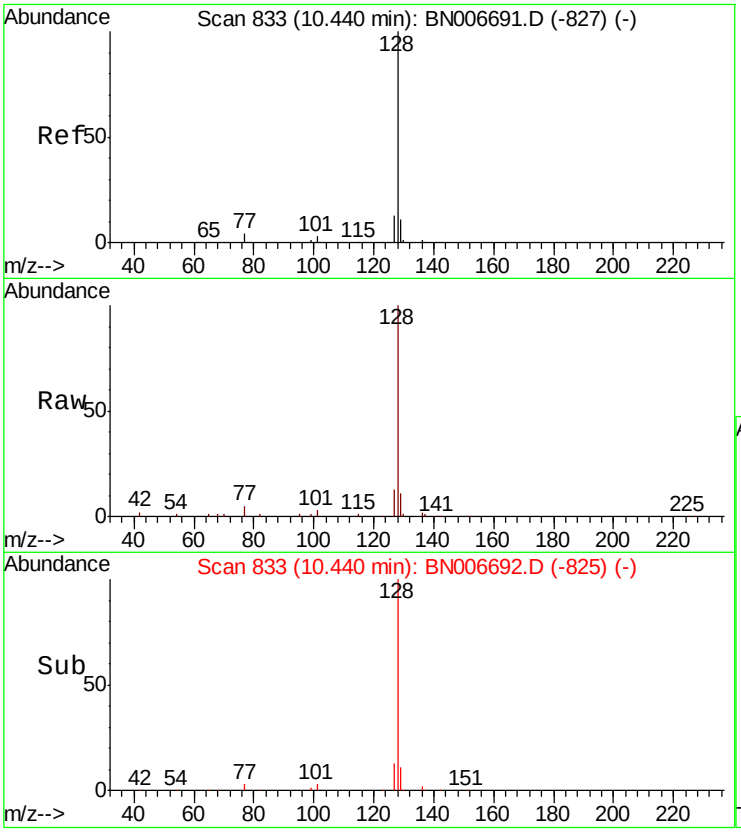


#8
Nitrobenzene-d5
Concen: 0.916 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion: 82 Resp: 9042

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	52.8	44.5	66.7



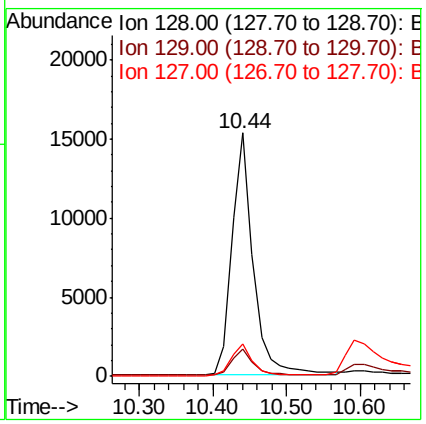


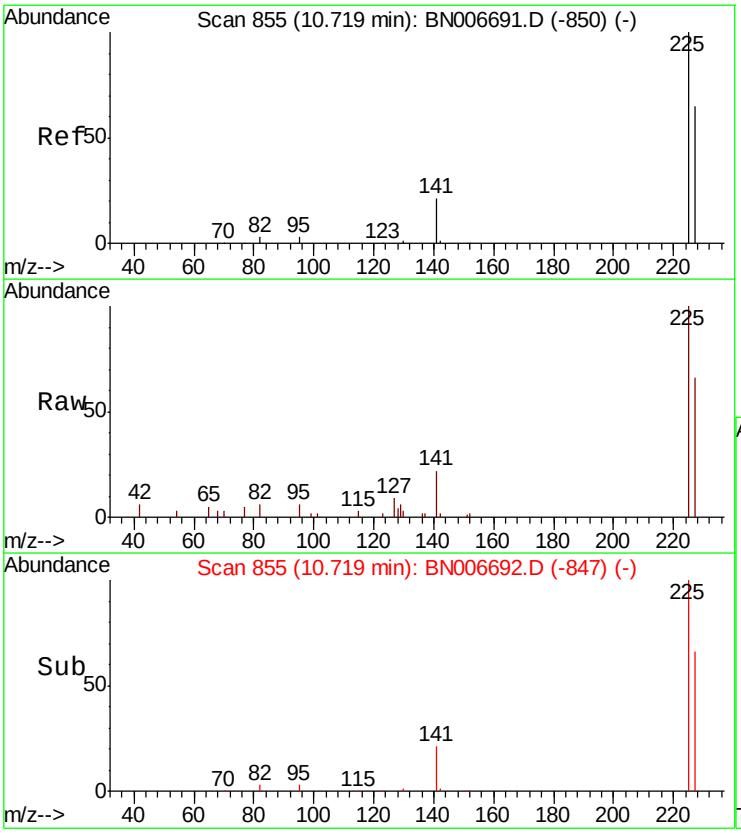
#9
Naphthalene
Concen: 0.789 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 30419

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	13.1	11.0	16.4

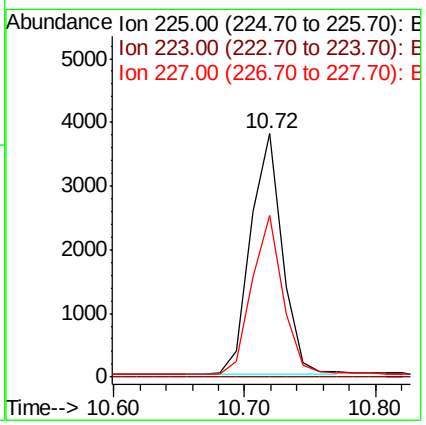


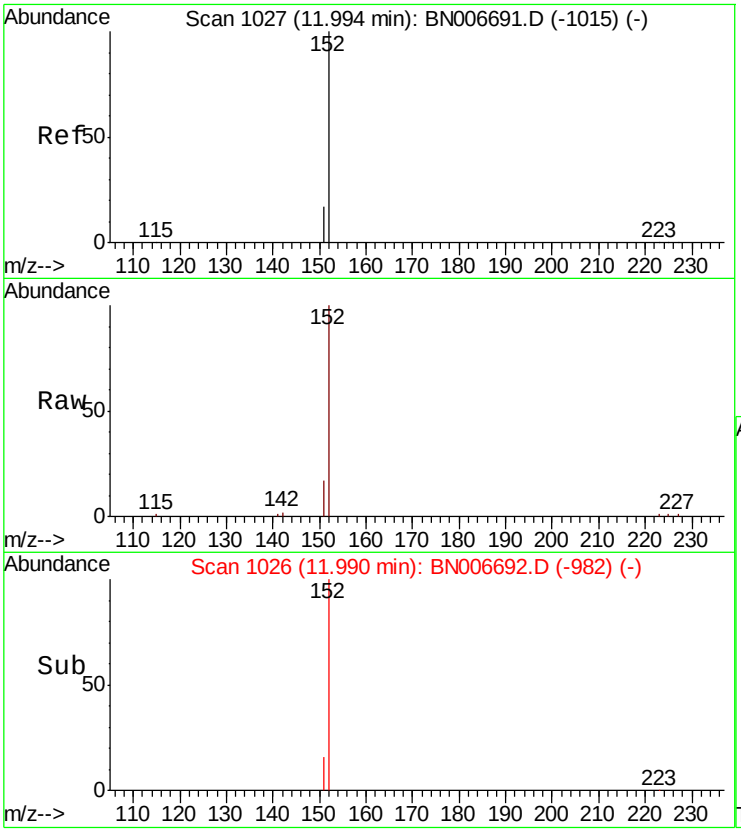


#10
Hexachlorobutadiene
Concen: 0.798 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:225 Resp: 6328

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.9	76.3



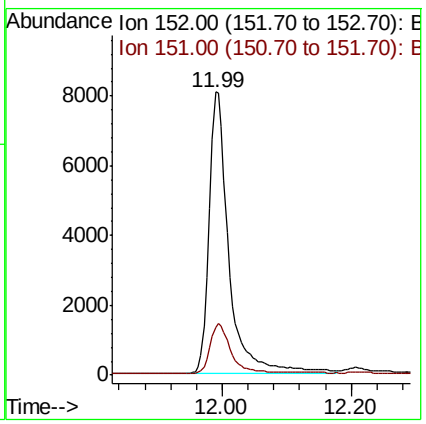


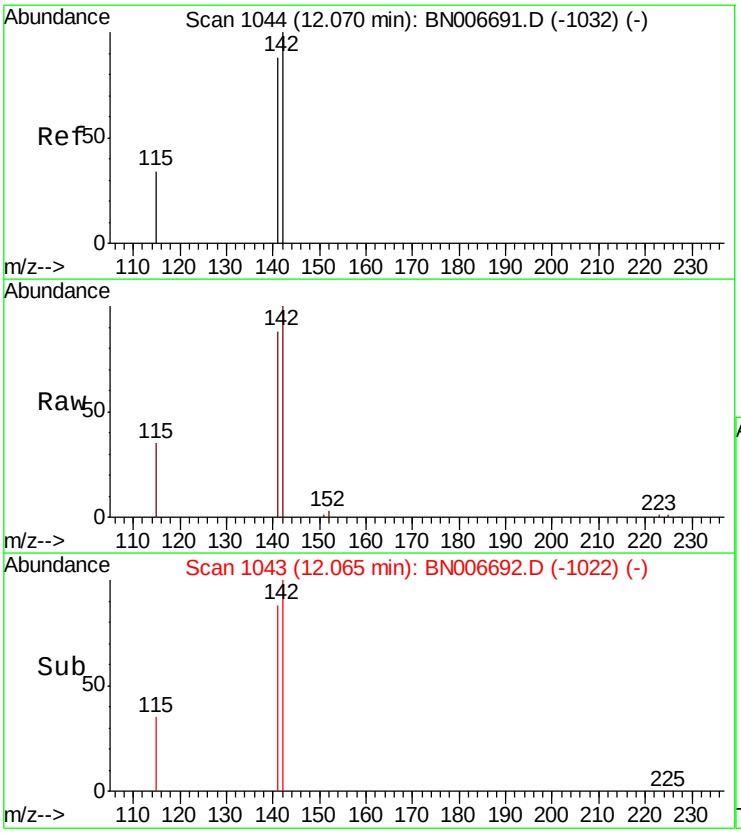
#11
2-Methylnaphthalene-d10
Concen: 0.739 ng
RT: 11.99 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 17075

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.9	22.3

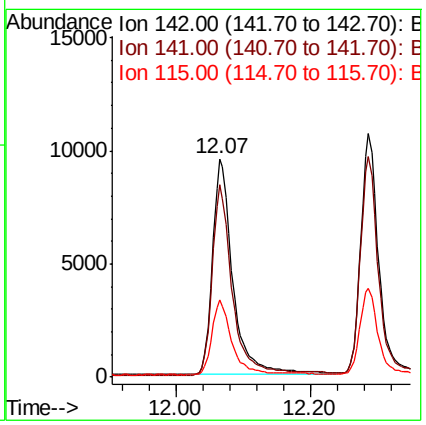


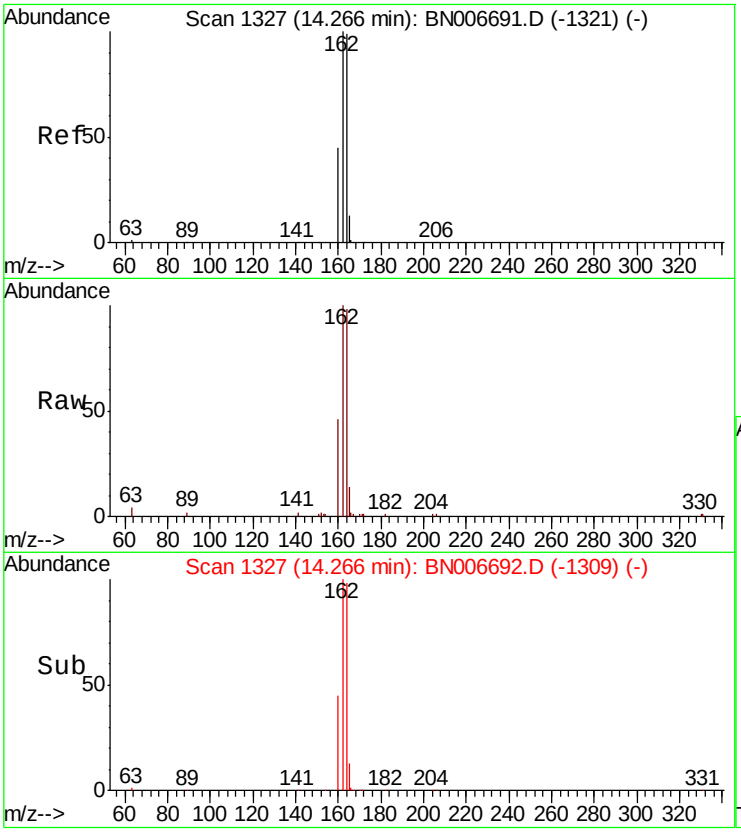


#12
2-Methylnaphthalene
Concen: 0.762 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:142 Resp: 20299

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	35.4	28.9	43.3



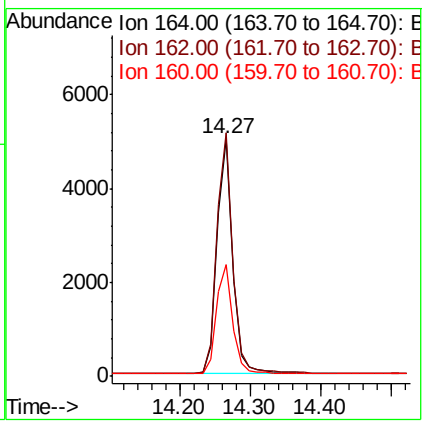


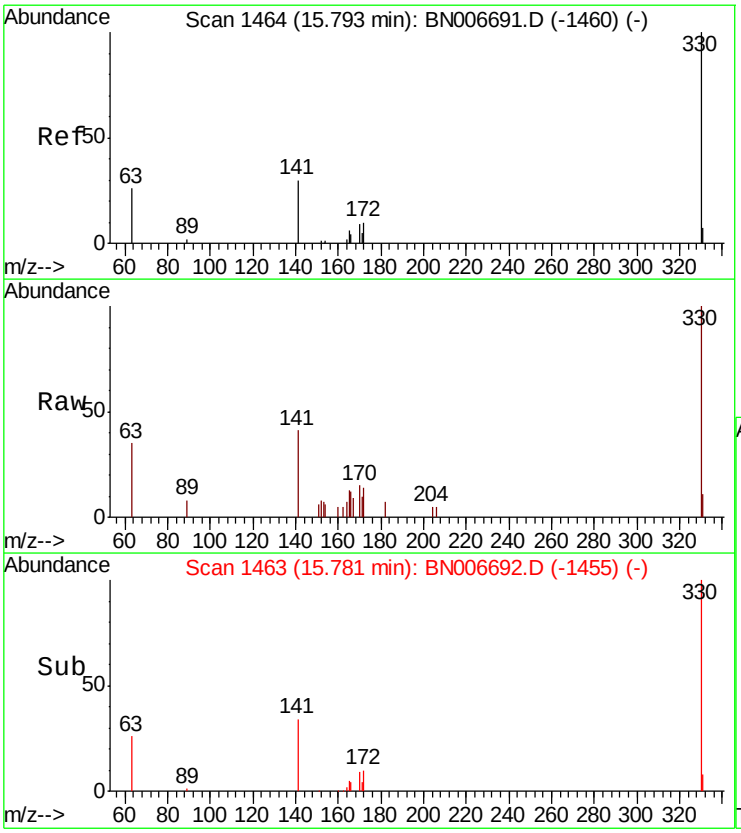
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 7925

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	47.0	37.0	55.6

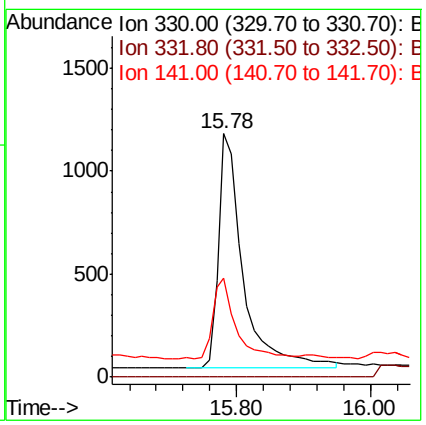


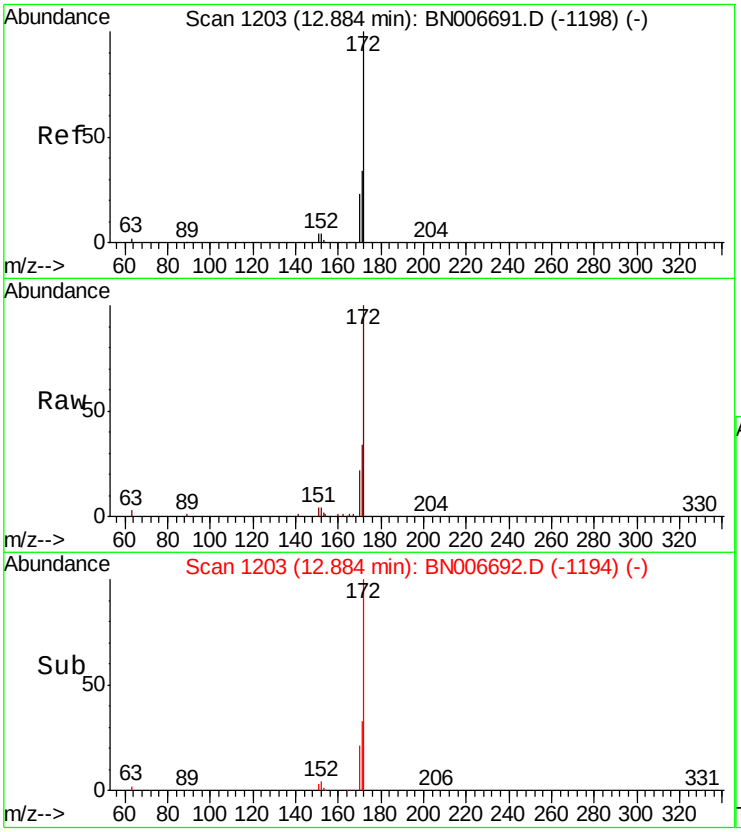


#14
2,4,6-Tribromophenol
Concen: 0.778 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:330 Resp: 2905

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.7	24.8	37.2



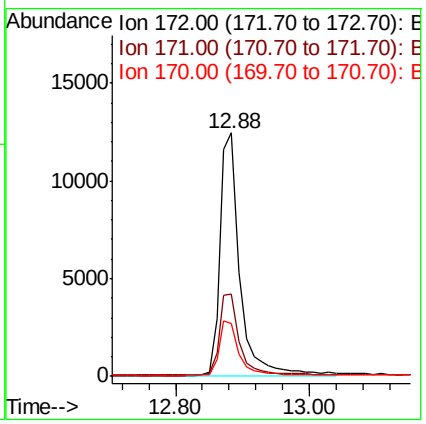


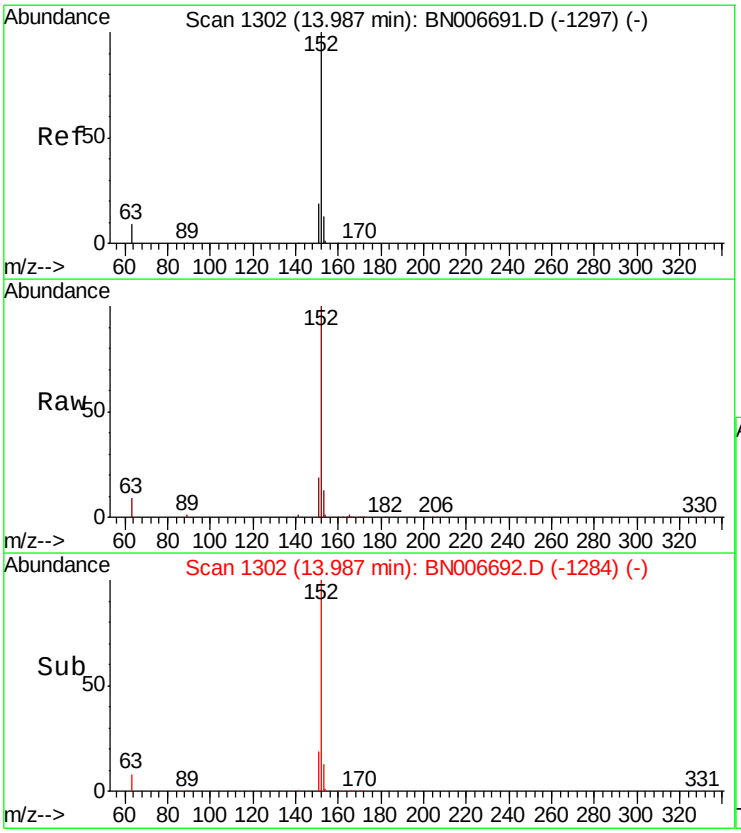
#15
2-Fluorobiphenyl
Concen: 0.871 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 25570

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.8	41.6
170	21.8	18.9	28.3

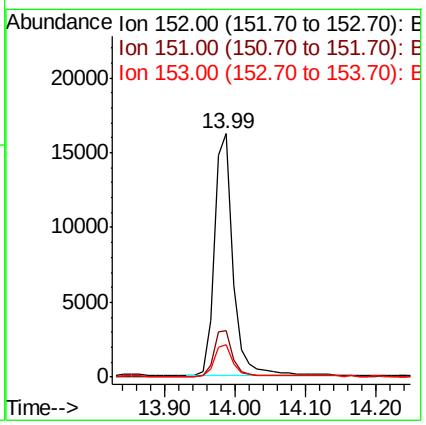


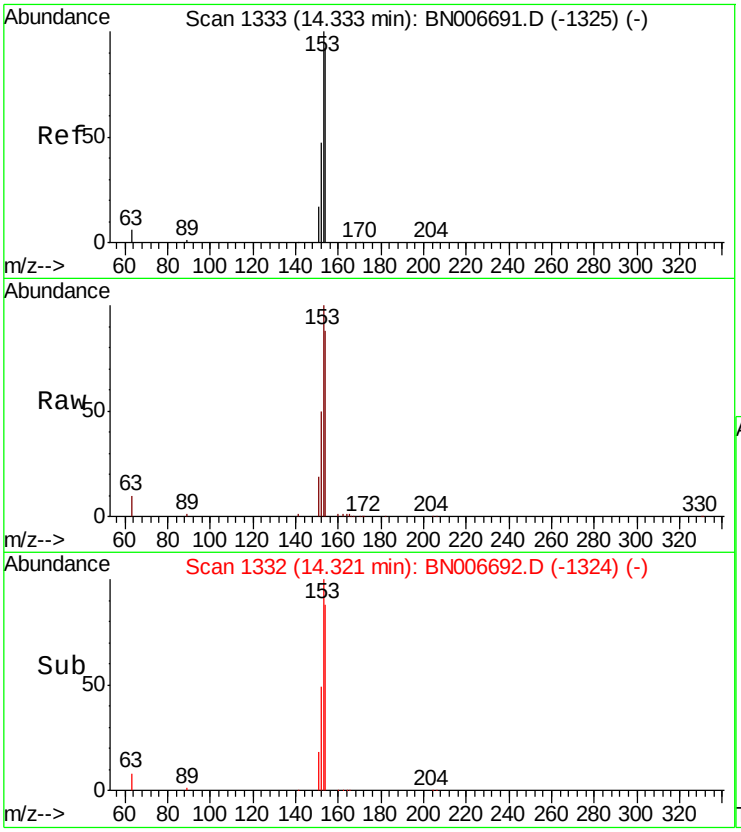


#16
Acenaphthylene
Concen: 0.801 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:152 Resp: 30278

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	15.8



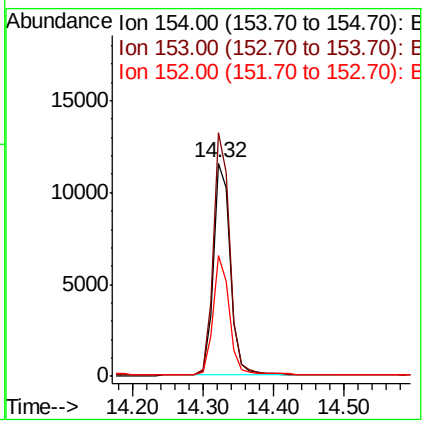


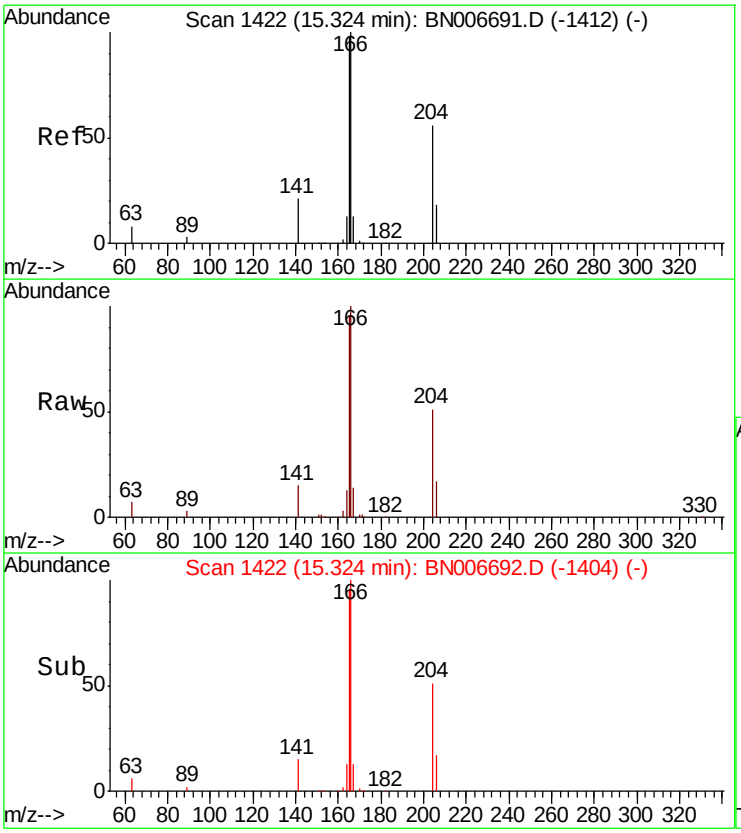
#17
Acenaphthene
Concen: 0.789 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 19636

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.9	133.3
152	53.9	42.8	64.2

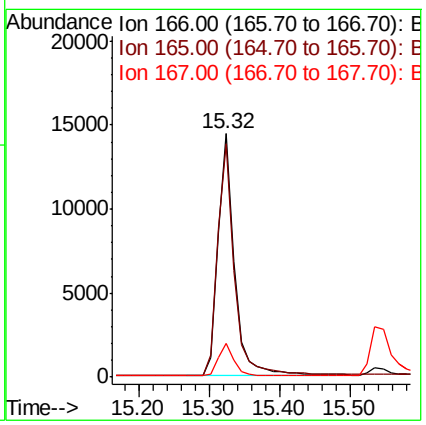


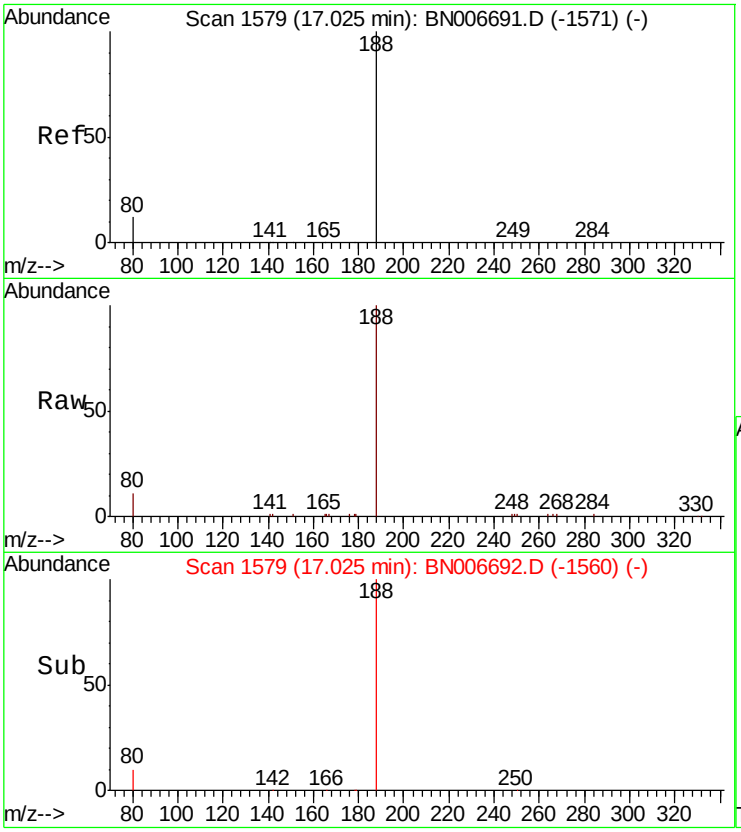


#18
Fluorene
Concen: 0.770 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:166 Resp: 24188

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.0	117.0
167	13.4	10.7	16.1



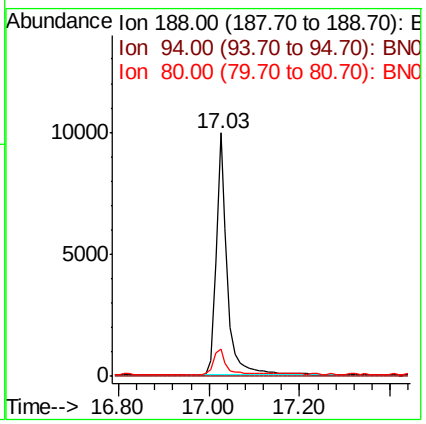


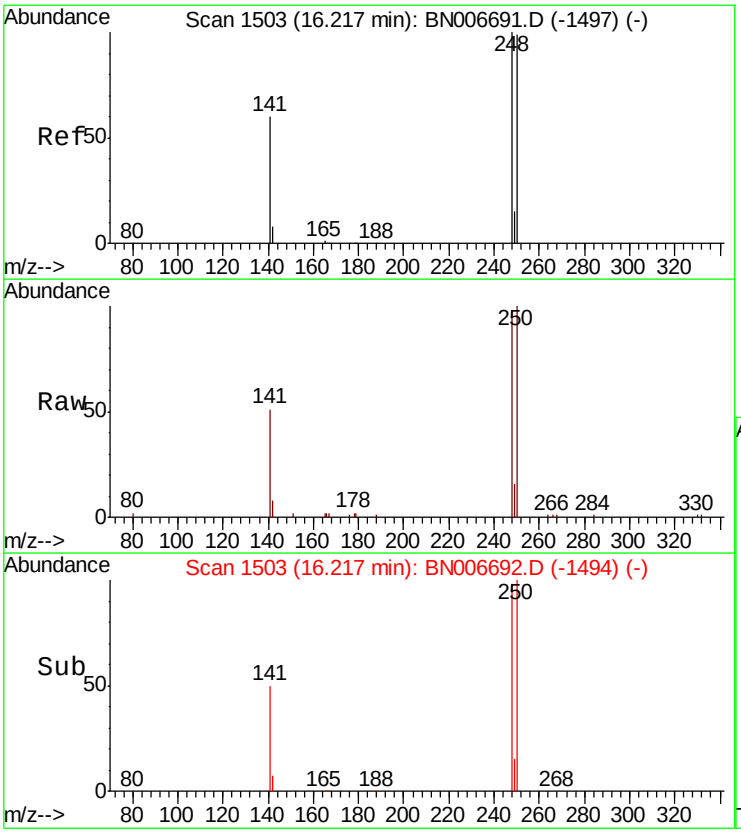
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 17058

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	10.3	15.5

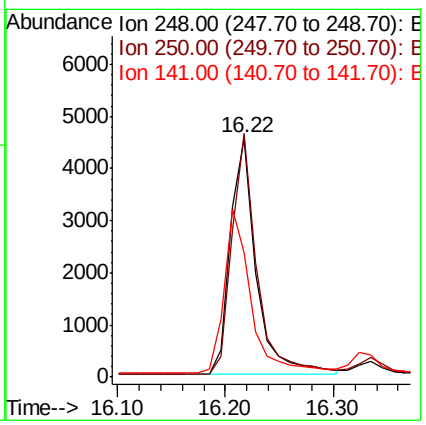


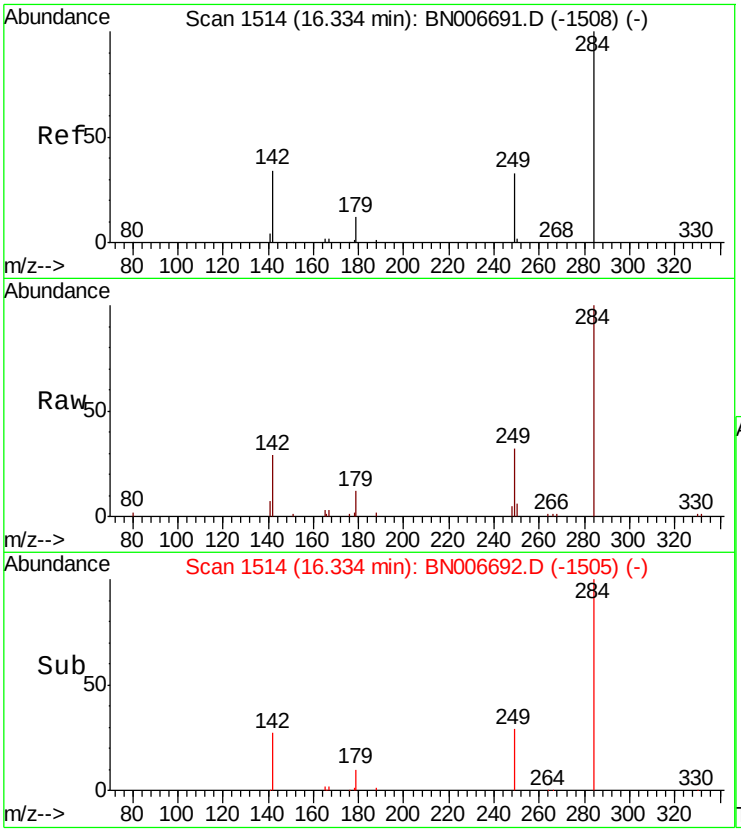


#20
4-Bromophenyl-phenylether
Concen: 0.810 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:248 Resp: 7654

Ion	Ratio	Lower	Upper
248	100		
250	101.8	79.0	118.6
141	52.3	50.2	75.4



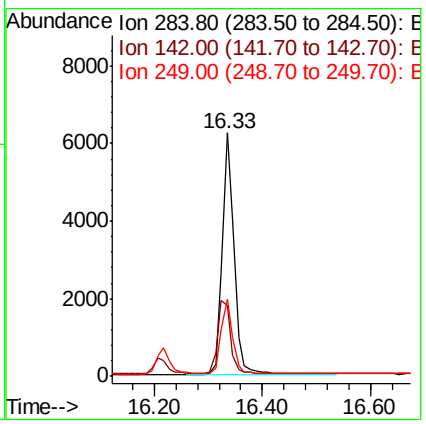


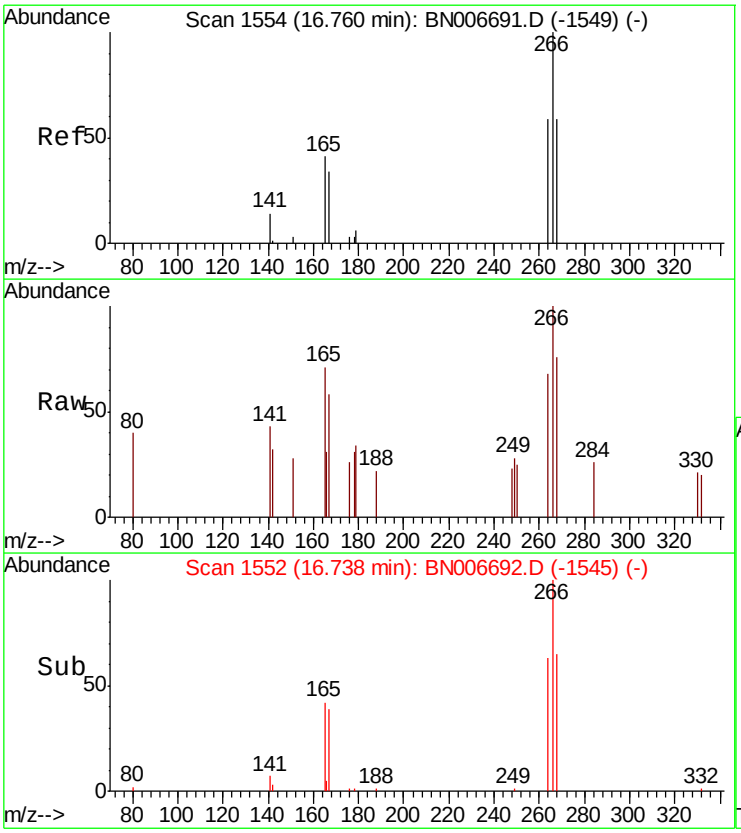
#21
Hexachlorobenzene
Concen: 0.785 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 9376

Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.9	40.3
249	30.5	24.4	36.6

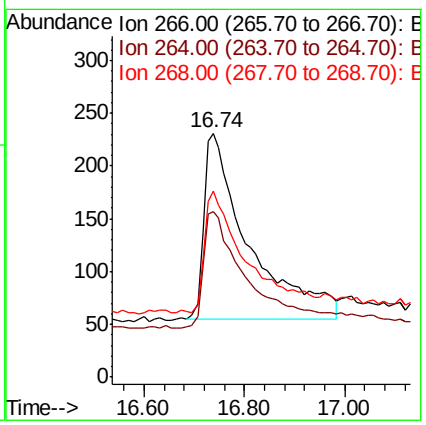


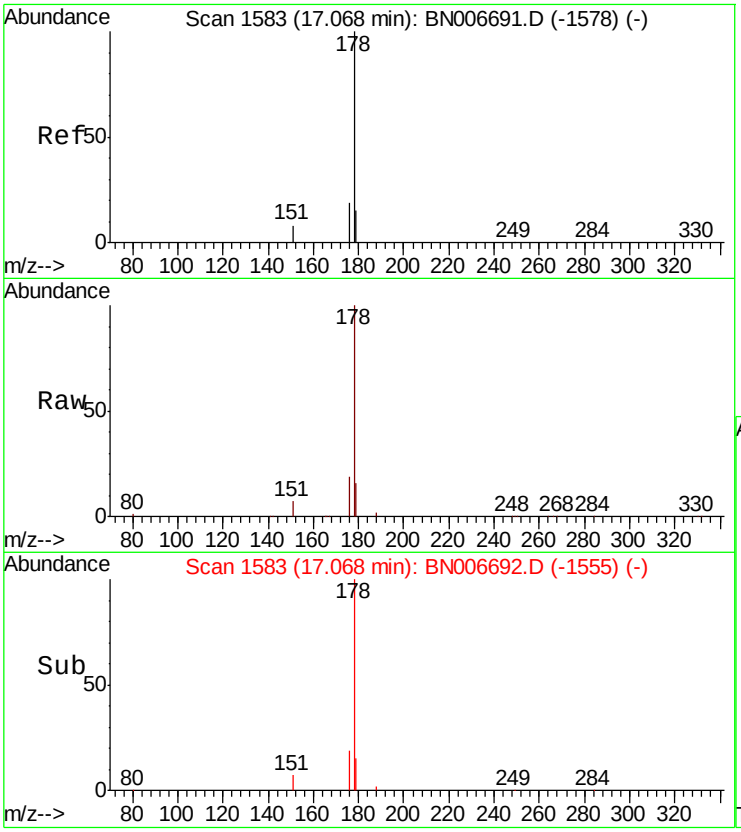


#22
Pentachlorophenol
Concen: 0.572 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:266 Resp: 1089

Ion	Ratio	Lower	Upper
266	100		
264	68.0	57.6	86.4
268	76.2	66.6	99.8



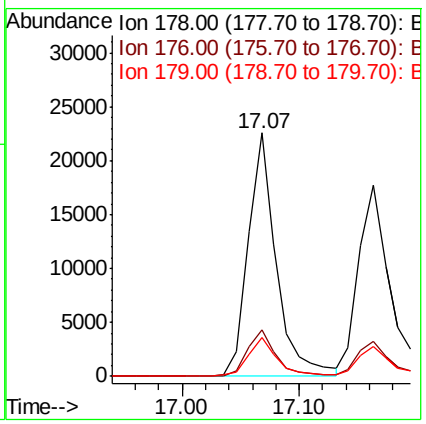


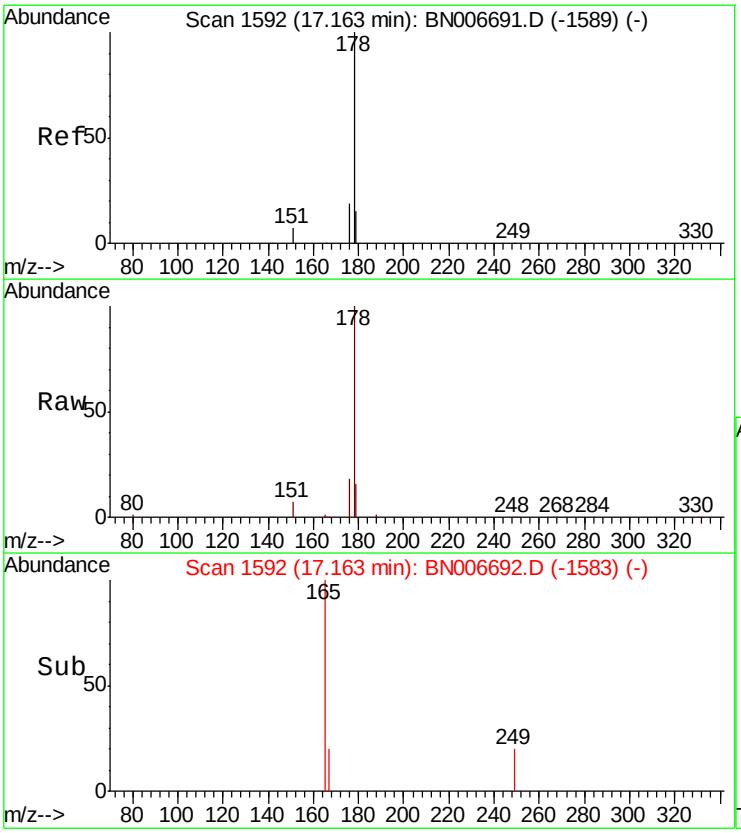
#23
Phenanthrene
Concen: 0.771 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 37417

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.4	18.6

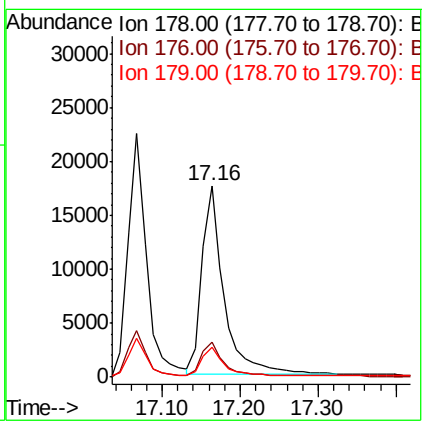


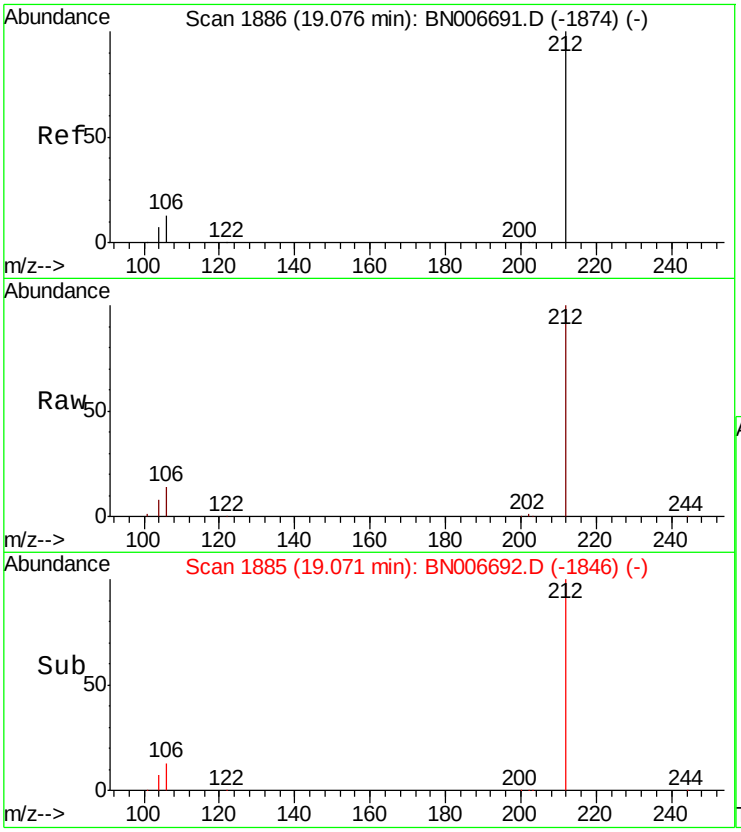


#24
Anthracene
Concen: 0.797 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:178 Resp: 33523

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	11.9	17.9



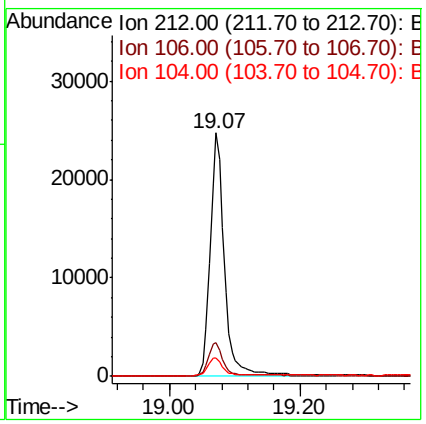


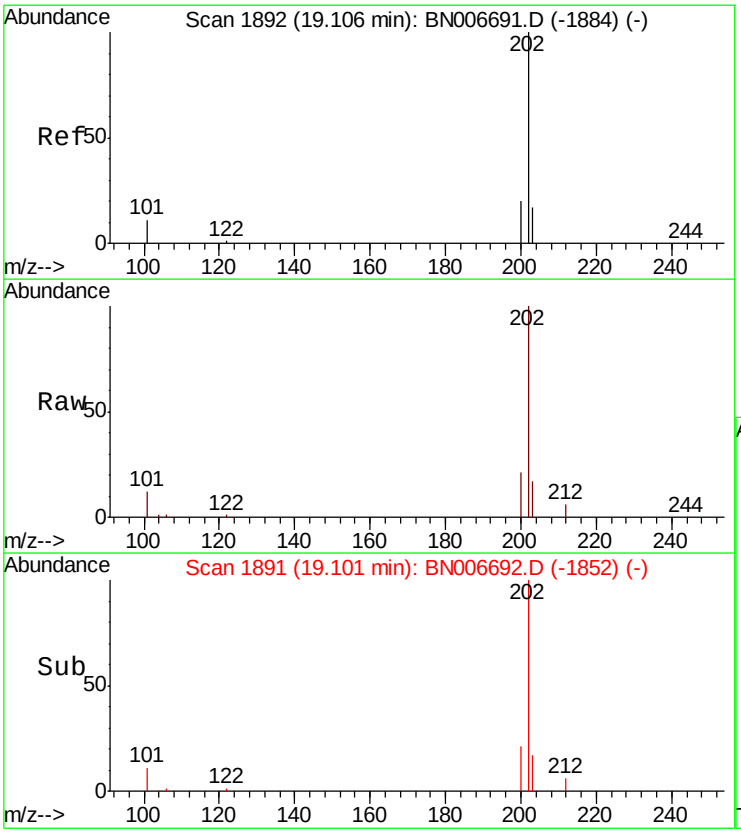
#25
Fluoranthene-d10
Concen: 0.740 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 37071

Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.0	16.6
104	7.5	6.1	9.1

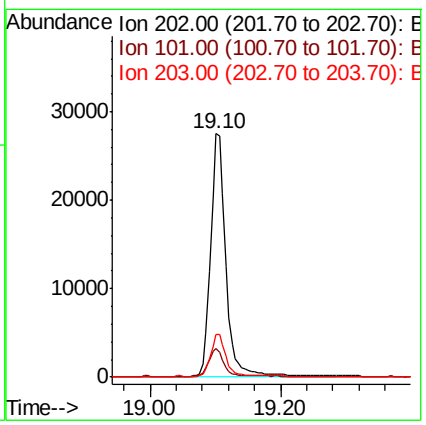


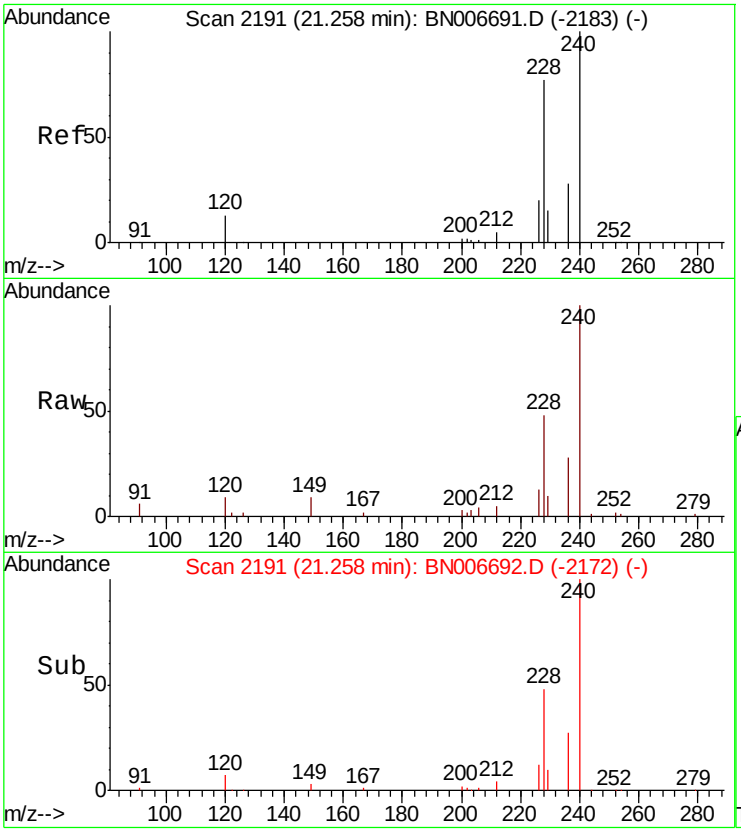


#26
Fluoranthene
Concen: 0.749 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:202 Resp: 44135

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.0	13.8	20.6



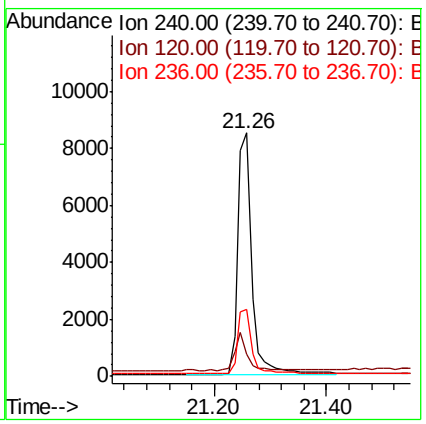


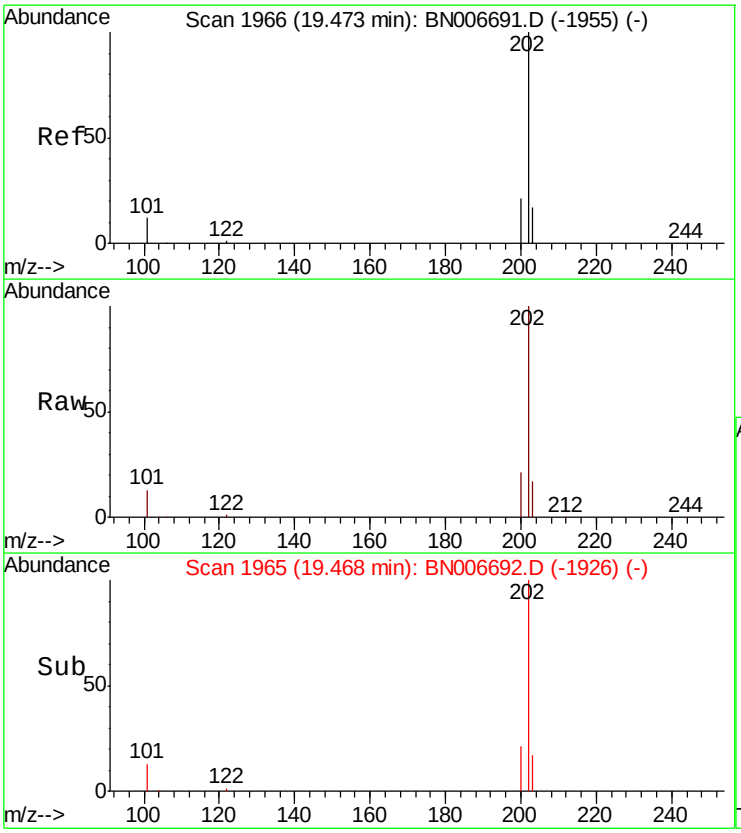
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 14582

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	27.5	23.2	34.8

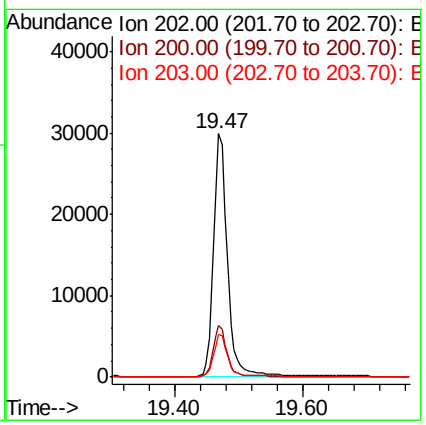


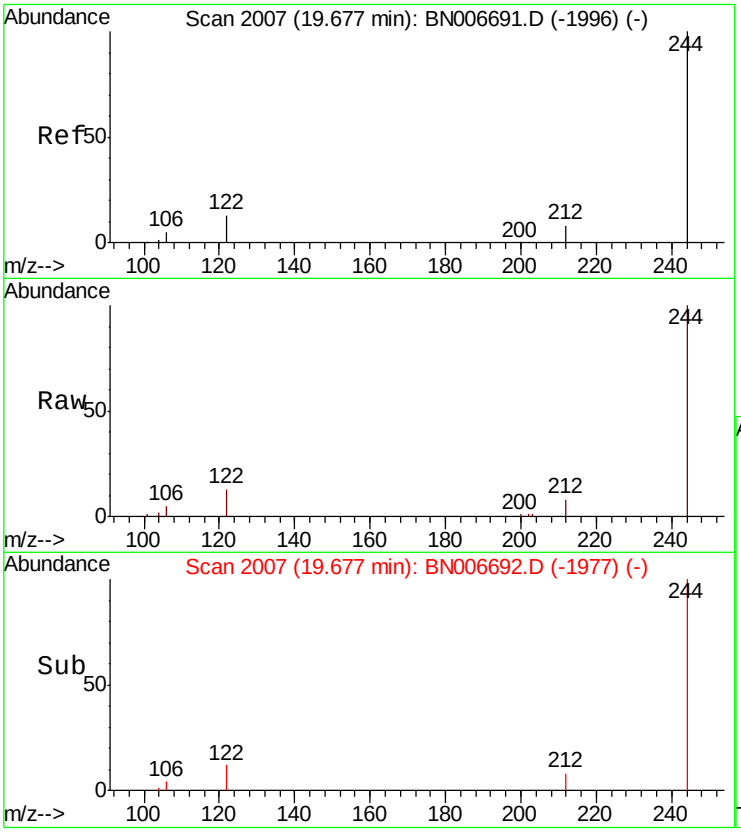


#28
Pyrene
Concen: 0.885 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:202 Resp: 45141

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.5	14.2	21.2



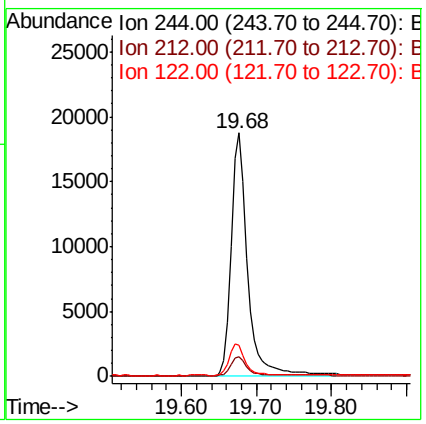


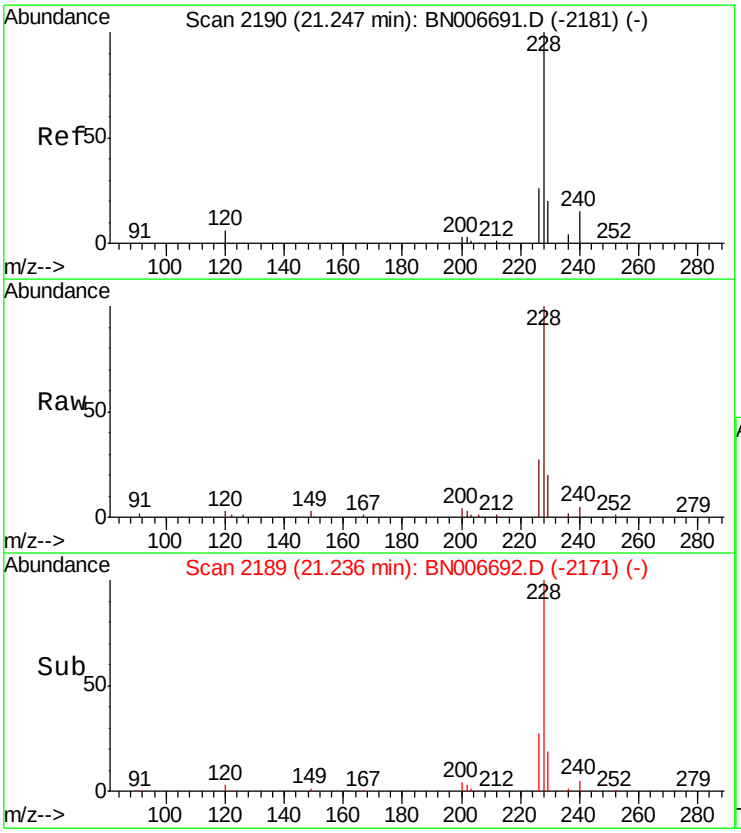
#29
Terphenyl-d14
Concen: 0.901 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 27508

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	12.6	11.5	17.3

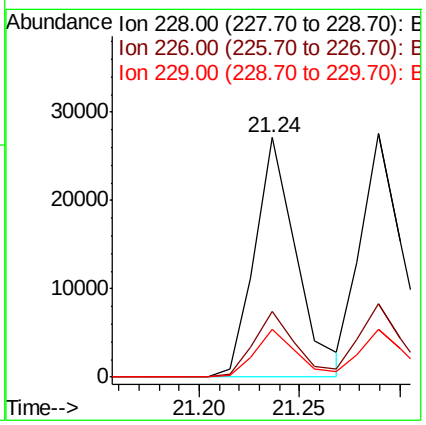


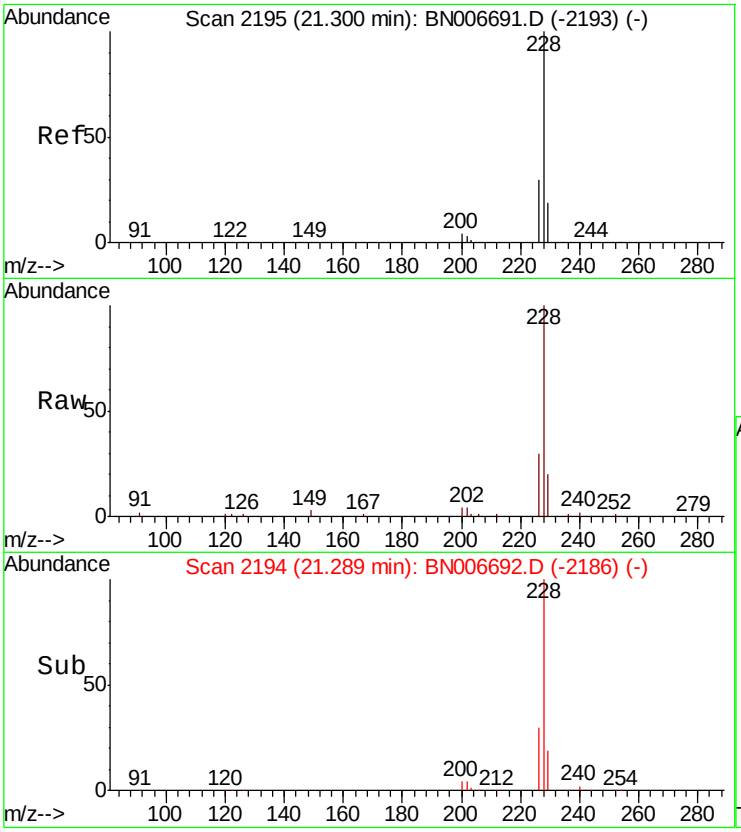


#30
Benzo(a)anthracene
Concen: 0.815 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:228 Resp: 38833

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	19.8	16.2	24.4



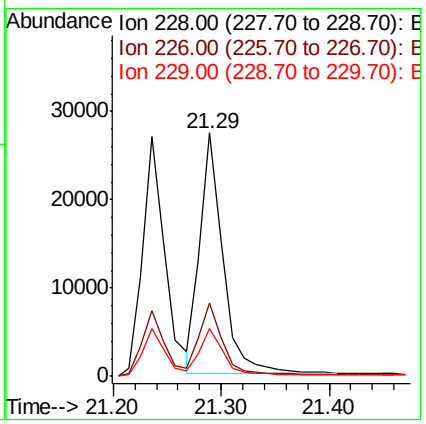


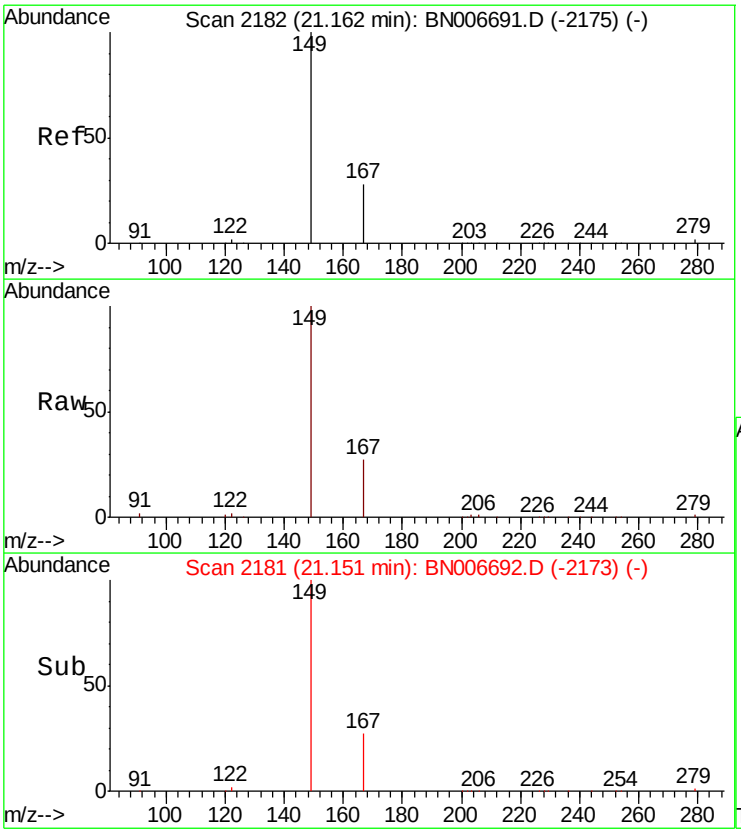
#31
Chrysene
Concen: 0.783 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 40249

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.6	15.8	23.6

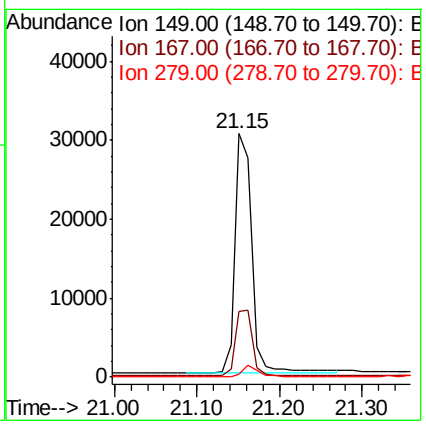


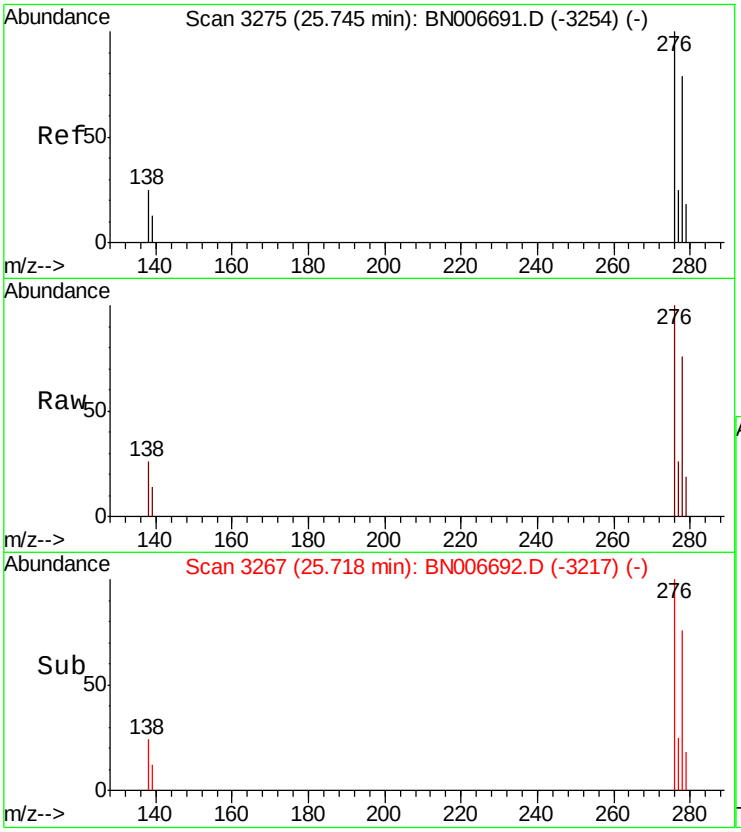


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.792 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:149 Resp: 42990

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	3.9	3.2	4.8



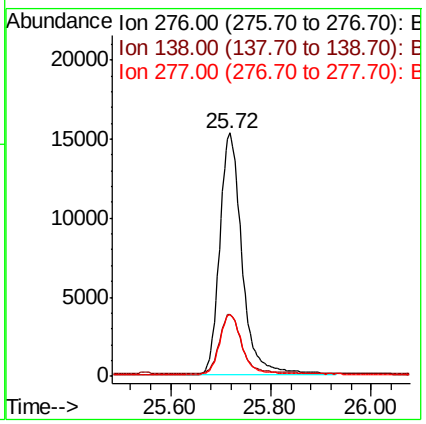


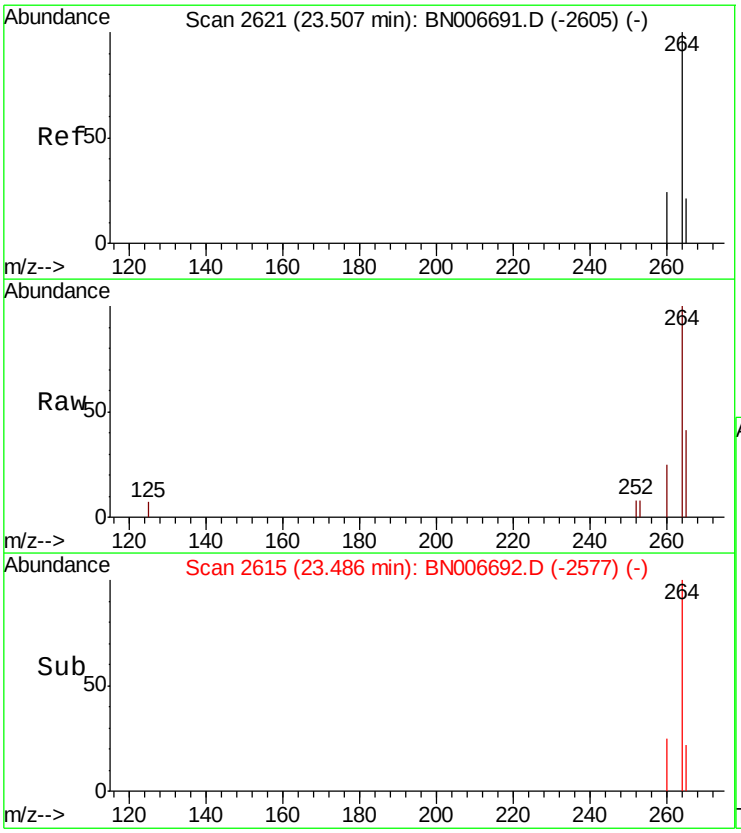
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.920 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.03 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 47833

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	24.7	19.7	29.5

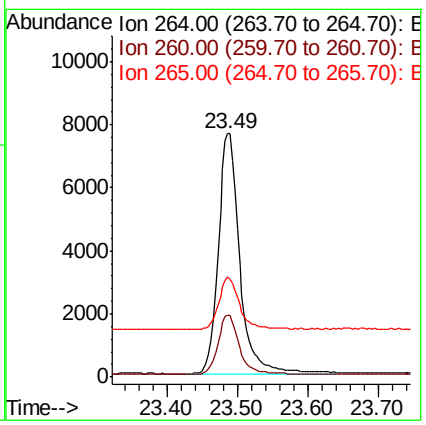


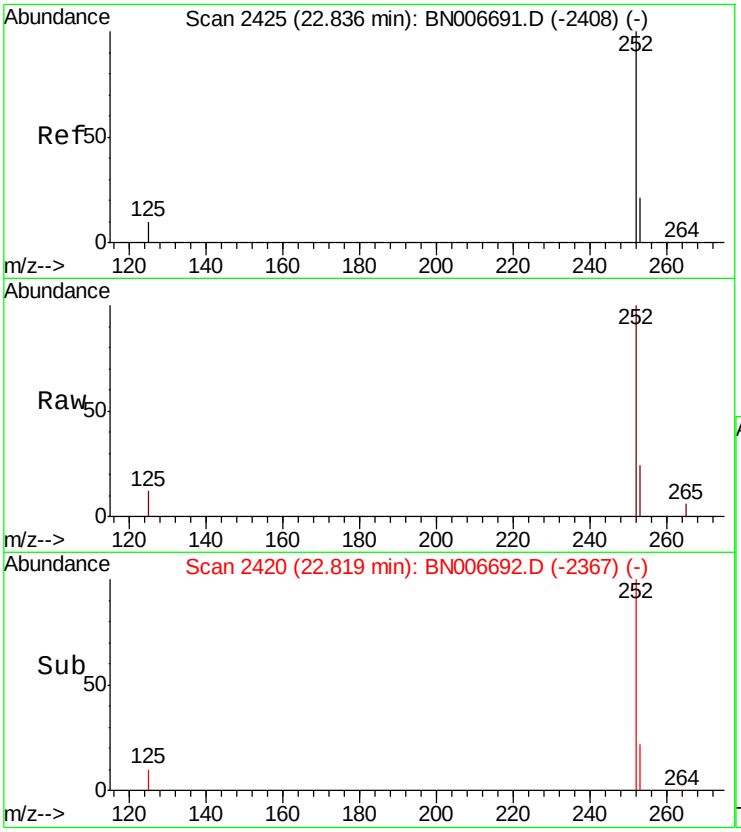


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:264 Resp: 16097

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	40.9	33.7	50.5



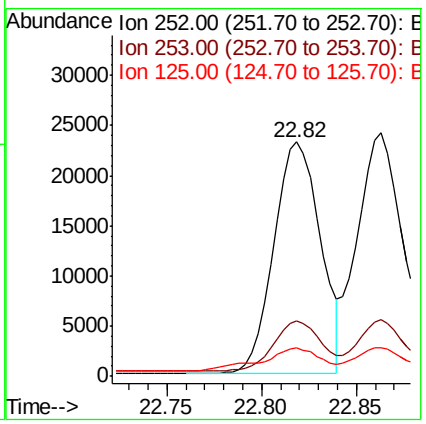


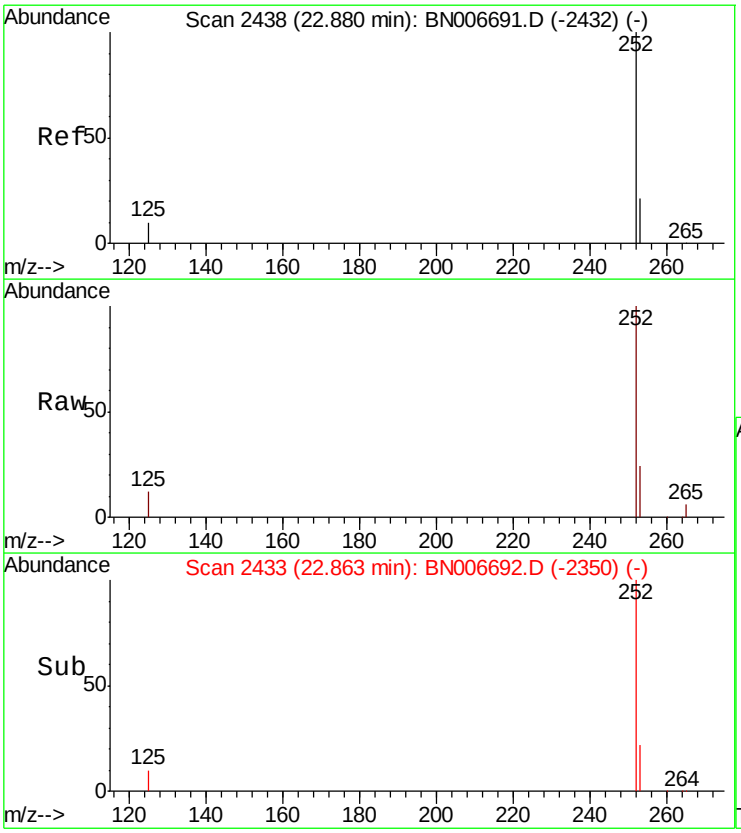
#35
Benzo(b)fluoranthene
Concen: 0.715 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 39159

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.2
125	12.0	11.5	17.3

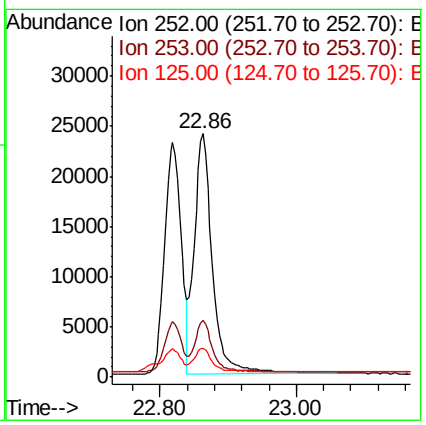


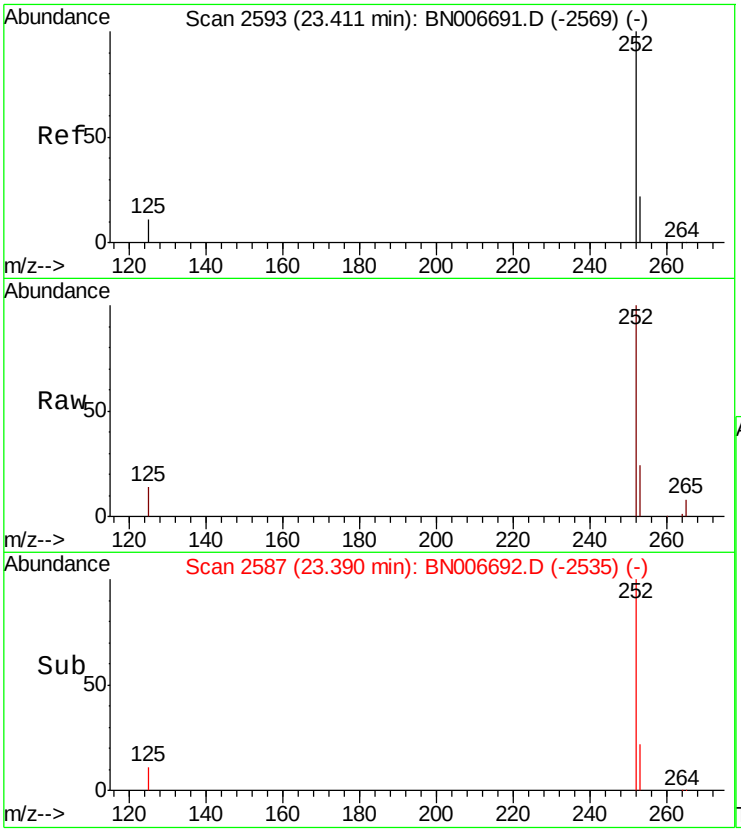


#36
Benzo(k)fluoranthene
Concen: 0.763 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:252 Resp: 44547

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.1	30.1
125	11.7	11.4	17.0



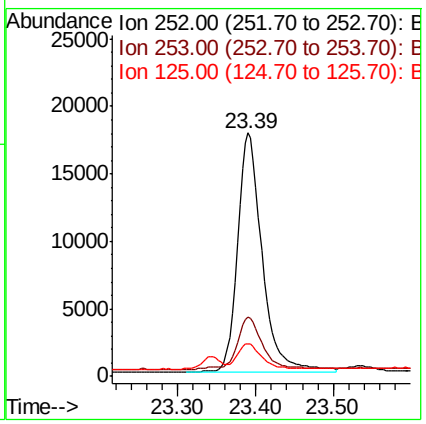


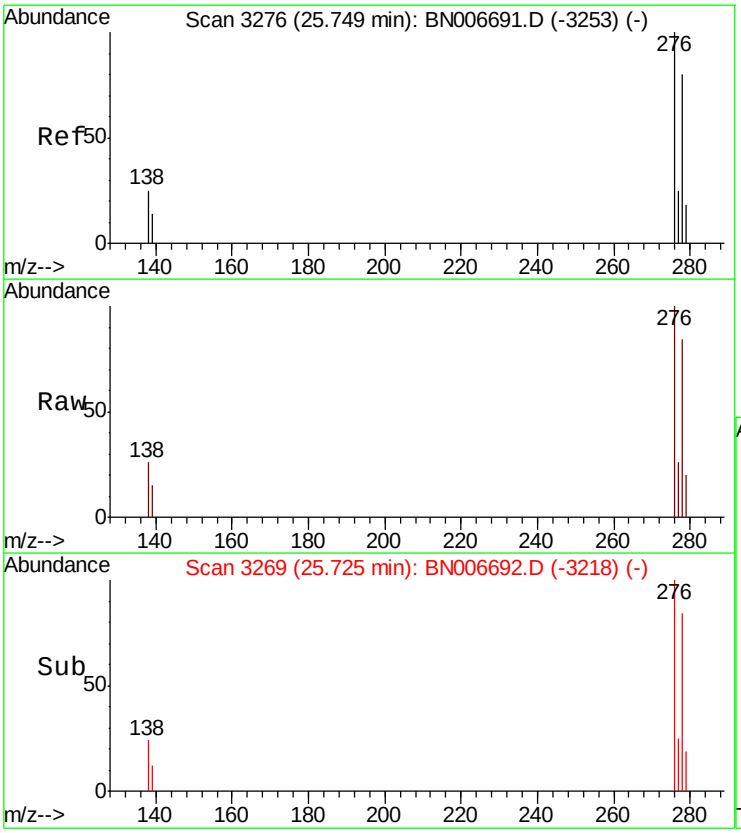
#37
Benzo(a)pyrene
Concen: 0.761 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 38947

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.4	32.2
125	13.5	13.3	19.9

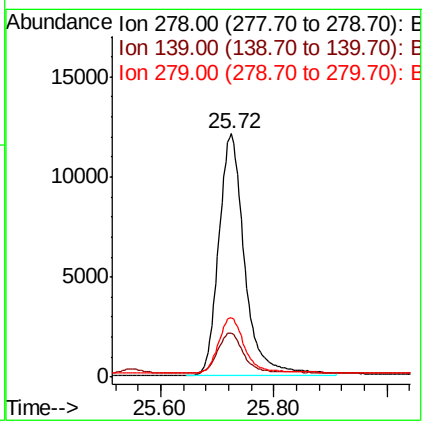


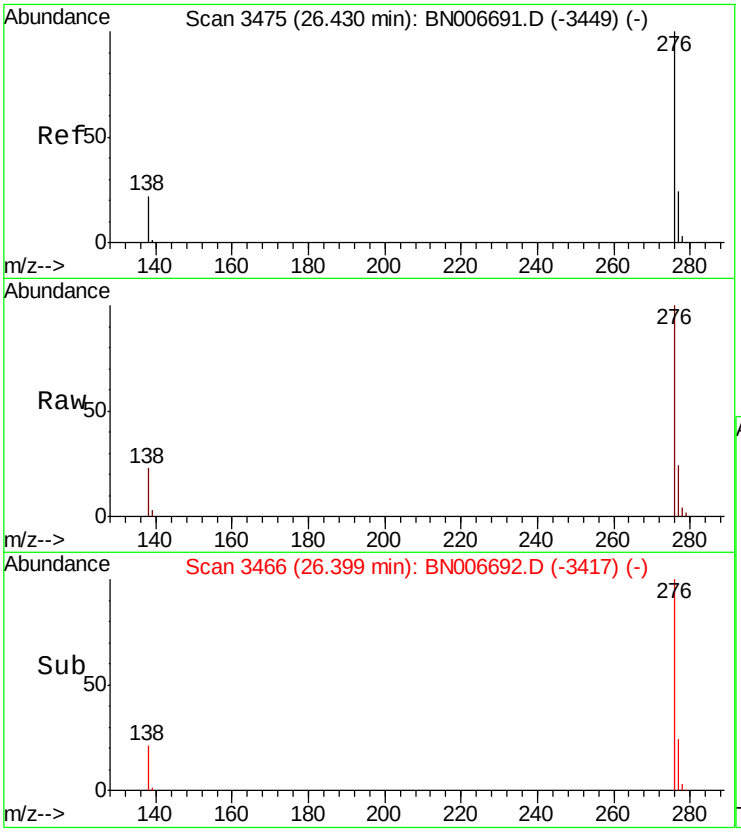


#38
Dibenzo(a,h)anthracene
Concen: 0.855 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:278 Resp: 38227

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.2	24.4
279	24.4	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.883 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.03 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 39435

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.6	30.8
138	22.8	19.7	29.5